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Search Query Display

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Recent Search Queries

#1	(((suzuki s.<in>au)<and>(transmission))<AND>(automatic transmission<in>metadata))
#2	(suzuki s.<in>au)<and>(transmission)
#3	(suzuki s.<in>au)
#4	(takeda y.<in>au)
#5	(hagiwara k. -i.<in>au)
#6	(hagiwara k. -i.<in>au)
#7	(takeda y.<in>au)
#8	(suzuki s.<in>au)
#9	(suzuki s.<in>au)<and>(transmission)
#10	(((suzuki s.<in>au)<and>(transmission))<AND>(automatic transmission<in>metadata))
#11	((automatic transmission<in>metadata) <and> (shift control algorithm<in>metadata))
#12	((transmission<in>metadata) <and> (shift control algorithm<in>metadata))
#13	(shift control algorithm<in>metadata)

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Recent Search Queries

#1	((transmission<in>metadata) <and> (controller<in>metadata))<and> (optimization<in>metadata)
#2	((((transmission<in>metadata) <and> (controller<in>metadata))<and> (optimization<in>metadata)) <AND>(simulator<in>metadata))
#3	((transmission<in>metadata) <and> (controller<in>metadata))<and> (optimization<in>metadata)
#4	((((transmission<in>metadata) <and> (controller<in>metadata))<and> (optimization<in>metadata)) <AND>(hydraulic<in>metadata))
#5	((transmission<in>metadata) <and> (controller<in>metadata))<and> (optimization<in>metadata)
#6	((((transmission<in>metadata) <and> (controller<in>metadata))<and> (optimization<in>metadata)) <AND>(automatic transmission<in>metadata))

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EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	14	(US-20030115037-$ or US-20040163014-$).did. or (US-5527238-$ or US-4821190-$ or US-4680959-$ or US-6304835-$ or US-4855914-$ or US-4468958-$ or US-4799158-$ or US-5921885-$ or US-6684182-$ or US-4836057-$).did. or (JP-2003222233-$).did. or (JP-09133160-$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2006/04/07 14:53
L1	3	(US-20010023214-$).did. or (US-6807472-$ or US-5547434-$).did.	US-PGPUB; USPAT	OR	OFF	2006/04/07 14:53
S160	71	S158 and (simulat$4 model$4 virtual$4)	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:07
S159	1036	701/51,55.ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:04
S158	71	S157 and (model$4 simulat$4 virtual$4)	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:04
S11	1	"4821190".pn.	US-PGPUB; USPAT	OR	OFF	2006/04/07 13:04
S157	361	(477/110,152).ccls.	US-PGPUB; USPAT	OR	OFF	2006/04/07 12:45
S155	72	S140 and (transmission with degrad$6)	US-PGPUB; USPAT	ADJ	OFF	2006/04/06 14:48
S154	11	S152 and (shift control algorithm)	US-PGPUB; USPAT	ADJ	OFF	2006/04/06 14:45
S153	2668710	(shift control algorithm)	US-PGPUB; USPAT	OR	OFF	2006/04/06 14:39
S152	13213	"477".clas.	US-PGPUB; USPAT	OR	OFF	2006/04/06 14:38
S151	1117	"477".clas.	US-PGPUB	OR	OFF	2006/04/06 14:36
S150	14	S149 and transmission	US-PGPUB	OR	OFF	2006/04/06 14:35
S149	32	((test$4 validat$4) with shift with algorithm)	US-PGPUB	OR	OFF	2006/04/06 14:34
S148	2	S140 and ((test$4 validat$4) with shift with algorithm)	US-PGPUB; USPAT	OR	OFF	2006/04/06 14:34
S147	2	S140 and ((test$4 validat$4) with shift with algorithm)	US-PGPUB	OR	OFF	2006/04/06 14:34
S146	214	S145 and (simulat$4 model$4 emulat$4 virtual$4)	US-PGPUB	OR	OFF	2006/04/06 14:33
S145	838	S144 and S140	US-PGPUB	OR	OFF	2006/04/06 14:23

EAST Search History

S144	29489	transmission with character$8	US-PGPUB	OR	OFF	2006/04/06 14:22
S143	1	S140 and (hardware with loop adj (simulat$4 model$4 emulat$4))	US-PGPUB	OR	OFF	2006/04/06 14:22
S142	0	S140 and (hardware adj loop adj (simulat$4 model$4 emulat$4))	US-PGPUB	OR	OFF	2006/04/06 14:22
S3	1	09/925743	US-PGPUB	OR	OFF	2006/04/06 14:21
S141	1	S140 and HILS	US-PGPUB	OR	OFF	2006/04/06 14:20
S140	4539	(automatic adj transmission)	US-PGPUB	OR	OFF	2006/04/06 14:20
S14	3513	(automatic adj transmission)	US-PGPUB	OR	OFF	2006/04/06 14:20
S138	6	("20030018399" | "4799158" | "4942787" | "5128868" | "5547435" | "6275760").PN. OR ("7013250").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/05 12:56
S137	1	"7013250".pn.	USPAT	OR	OFF	2006/04/05 10:58
S2	2	"09/802974"	US-PGPUB	OR	OFF	2006/04/05 10:58
S136	24	(US-20040163014-$ or US-20030115037-$ or US-20010016539-$ or US-20010016807-$).did. or (US-4821190-$ or US-4680959-$ or US-4799158-$ or US-4836057-$ or US-4855914-$ or US-6304835-$ or US-6424901-$ or US-5527238-$ or US-6468182-$ or US-4368510-$ or US-5519610-$ or US-6155948-$ or US-5713332-$ or US-5885188-$ or US-5921885-$ or US-5179527-$ or US-6684182-$ or US-4468958-$).did. or (JP-2003222233-$).did. or (JP-09133160-$ or JP-09144872-$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/12/26 13:45
S135	11	("6746366" "3705352" "4274281" "4468958" "6684182" "4630508" "4680959" "4758967" "4984988" "5060176" "5086648").pn.	USPAT	OR	OFF	2005/12/26 13:45
S134	183	S133 and ((simulat$4 emulat$4 model$4 virtual$4 design$4) with (run$time real$time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45

EAST Search History

S133	3082	(700/28-33).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S132	0	run$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (vehicle with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S131	0	run$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (automatic with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S130	3	real$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (automatic with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S129	10	real$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (vehicle with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S128	3	real$time with simulat$4 with (vehicle with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S127	1	real$time with simulat$4 with ((automatic adj transmission) or powertrain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S126	39	real$time with simulat$4 with (hydraulic transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45

EAST Search History

S125	4	63-92863	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S124	91	701/59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S123	14	("4159642" | "4385518" | "4391131" | "4468958" | "4799158" | "4939985" | "4984988" | "5060176" | "5085071" | "5097699" | "5144834" | "5249458" | "5537865" | "6155948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/12/26 13:45
S122	64	702/114.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S121	376	700/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S120	1517	(73/117.2,117.3).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S119	1151	(702/183,184).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S118	3082	(700/28-33).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45

EAST Search History

S117	37	(real adj time) with ((hydraulic or clutch) same (model or simulat$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S116	13255	(real adj time) same ((hydraulic or clutch) model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S115	6	dead adj time adj map	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S114	2	"4361060".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S113	13	(lookup map) same (clutch with model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/26 13:45
S112	13	(Hardware adj2 in adj2 loop$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/26 13:45
S111	0	(Hardware adj2 in adj2 loop$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/26 13:45
S110	0	(Hardware adj2 in adj2 loop adj2 test$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45

EAST Search History

S109	0	(Hardware adj in adj loop adj test$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S108	1137	(Hardware adj2 in adj2 loop adj "2" test$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S107	4	HIL same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S106	20	(clutch with (hydraulic adj pressure)) same (estimate or (transfer adj function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S105	3161	(automatic adj transmission with controller).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S104	5370	automatic adj transmission with controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S103	89	(hydraulic with clutch with pressure) and (transfer adj (function variable co$2efficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/26 13:45
S102	440	S101 not (S99 S98 S97)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/26 13:45

EAST Search History

S101	462	(hydraulic with clutch with pressure) and (transfer with (function variable co$2efficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/26 13:45
S100	33	(estimate with hydraulic with clutch with pressure) or (calculate with hydraulic with clutch with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S99	2	((estimate with hydraulic with pressure) same clutch) same (model$6 simulat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S98	37	(estimate with hydraulic with pressure) same (model$6 simulat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S97	226	(hydraulic with clutch) same (model$6 simulat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S96	209	S95 and (vehicle ECU automobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S95	578	(simulat$4 with hydraulic) and model$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S94	6	("5758302" "4821190" "5822708" "6086506" "5249458" "4562729").pn.	USPAT	OR	OFF	2005/12/26 13:45
S93	1610	S92 and (ECU or hydraulic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45

EAST Search History

S92	3384	S91 and (model$6 or simulat$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S91	52063	(automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S90	46	S83 and (vehicle same transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/12/26 13:45
S89	382	S88 and (ECU or hydraulic)	US-PGPUB	OR	OFF	2005/12/26 13:45
S88	807	S86 or S87	US-PGPUB	OR	OFF	2005/12/26 13:45
S87	254	S85 and simulat$5	US-PGPUB	OR	OFF	2005/12/26 13:45
S86	647	S85 and model$5	US-PGPUB	OR	OFF	2005/12/26 13:45
S85	4226	(automatic adj transmission)	US-PGPUB	OR	OFF	2005/12/26 13:45
S84	46	S83 and (vehicle same transmission)	US-PGPUB; USPAT	OR	OFF	2005/12/26 13:45
S83	345	703/8.ccls.	US-PGPUB; USPAT	OR	OFF	2005/12/26 13:45
S82	1	"4821190".pn.	US-PGPUB; USPAT	OR	OFF	2005/12/26 13:45
S81	0	"4821190".pn.	US-PGPUB	OR	OFF	2005/12/26 13:45
S80	39	S79 and model$4	US-PGPUB	OR	OFF	2005/12/26 13:45
S79	204	S78 not S77	US-PGPUB	OR	OFF	2005/12/26 13:45
S78	208	(automatic adj transmission) and (hydraulic adj pressure) and estimat$6	US-PGPUB	OR	OFF	2005/12/26 13:45
S77	34	simulat$4 same (automatic adj transmission)	US-PGPUB	OR	OFF	2005/12/26 13:45
S76	254	simulat$4 and (automatic adj transmission)	US-PGPUB	OR	OFF	2005/12/26 13:45
S75	1	09/925743	US-PGPUB	OR	OFF	2005/12/26 13:45
S74	2	"09/802974"	US-PGPUB	OR	OFF	2005/12/26 13:45

EAST Search History

S73	25	(US-20040163014-$ or US-20030115037-$ or US-20010016539-$ or US-20010016807-$).did. or (US-4821190-$ or US-4680959-$ or US-4799158-$ or US-4836057-$ or US-4855914-$ or US-6304835-$ or US-6424901-$ or US-5527238-$ or US-6468182-$ or US-4368510-$ or US-5519610-$ or US-6155948-$ or US-5713332-$ or US-5885188-$ or US-5921885-$ or US-5179527-$ or US-6684182-$ or US-4468958-$).did. or (JP-2003222233-$).did. or (JP-09133160-$ or JP-09144872-$). did.	US-PGPUB; USPAT; JPO; DERWENT	OR	OFF	2005/05/13 16:37
S72	11	("6746366" "3705352" "4274281" "4468958" "6684182" "4630508" "4680959" "4758967" "4984988" "5060176" "5086648").pn.	USPAT	OR	OFF	2005/05/13 16:35
S70	160	S69 and ((simulat$4 emulat$4 model$4 virtual$4 design$4) with (run$time real$time))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:26
S69	2953	(700/28-33).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:24
S57	2953	(700/28-33).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:23
S68	0	run$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (vehicle with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:22
S67	0	run$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (automatic with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:22

EAST Search History

S66	3	real$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (automatic with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:22
S65	8	real$time with (emulat$4 model$4 virtual$4 design$4 (test adj rig)) with (vehicle with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 10:22
S64	3	real$time with simulat$4 with (vehicle with transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 09:56
S63	1	real$time with simulat$4 with ((automatic adj transmission) or powertrain)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 09:54
S62	34	real$time with simulat$4 with (hydraulic transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 09:50
S61	4	63-92863	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/13 09:49
S56	84	701/59.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 16:36
S60	14	("4159642" | "4385518" | "4391131" | "4468958" | "4799158" | "4939985" | "4984988" | "5060176" | "5085071" | "5097699" | "5144834" | "5249458" | "5537865" | "6155948").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/12 16:26

EAST Search History

S55	58	702/114.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 16:23
S59	1472	(73/117.2,117.3).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 16:09
S58	982	(702/183,184).ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 16:09
S54	340	700/31.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 16:09
S53	33	(real adj time) with ((hydraulic or clutch) same (model or simulat$5))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 16:06
S52	11753	(real adj time) same ((hydraulic or clutch) model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 13:04
S51	4	dead adj time adj map	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 13:03
S50	2	"4361060".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 12:41

EAST Search History

S49	11	(lookup map) same (clutch with model)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 10:36
S48	8	(Hardware adj2 in adj2 loop$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 10:35
S47	0	(Hardware adj2 in adj2 loop$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/12 10:11
S46	0	(Hardware adj2 in adj2 loop adj2 test$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:10
S45	0	(Hardware adj in adj loop adj test$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:10
S44	1095	(Hardware adj2 in adj2 loop adj "2" test$3) same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:10
S43	4	HIL same (automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:09
S42	20	(clutch with (hydraulic adj pressure)) same (estimate or (transfer adj function))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/12 10:08

EAST Search History

S39	5182	automatic adj transmission with controller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 16:24
S41	3090	(automatic adj transmission with controller).ti.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/11 16:19
S35	87	(hydraulic with clutch with pressure) and (transfer adj (function variable co$2efficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:25
S33	433	(hydraulic with clutch with pressure) and (transfer with (function variable co$2efficient))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:16
S34	413	S33 not (S31 S30 S29)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/05/10 16:15
S32	30	(estimate with hydraulic with clutch with pressure) or (calculate with hydraulic with clutch with pressure)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 16:13
S31	2	((estimate with hydraulic with pressure) same clutch) same (model$6 simulat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 16:05
S30	37	(estimate with hydraulic with pressure) same (model$6 simulat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 16:04

EAST Search History

S29	214	(hydraulic with clutch) same (model$6 simulat$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 16:03
S27	199	S26 and (vehicle ECU automobile)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 14:59
S26	553	(simulat$4 with hydraulic) and model$6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 14:49
S25	6	("5758302" "4821190" "5822708" "6086506" "5249458" "4562729").pn.	USPAT	OR	OFF	2005/05/10 14:36
S22	1494	S21 and (ECU or hydraulic)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 14:26
S21	3145	S20 and (model$6 or simulat$6)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 14:22
S20	49790	(automatic adj transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 14:21
S19	41	S12 and (vehicle same transmission)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/05/10 14:21
S13	41	S12 and (vehicle same transmission)	US-PGPUB; USPAT	OR	OFF	2005/05/10 14:21
S18	303	S17 and (ECU or hydraulic)	US-PGPUB	OR	OFF	2005/05/10 14:20
S17	654	S15 or S16	US-PGPUB	OR	OFF	2005/05/10 14:12
S16	197	S14 and simulat$5	US-PGPUB	OR	OFF	2005/05/10 14:12

EAST Search History

S15	532	S14 and model$5	US-PGPUB	OR	OFF	2005/05/10 14:12
S4	197	simulat$4 and (automatic adj transmission)	US-PGPUB	OR	OFF	2005/05/10 14:02
S12	314	703/8.ccls.	US-PGPUB; USPAT	OR	OFF	2005/05/10 13:49
S10	0	"4821190".pn.	US-PGPUB	OR	OFF	2005/05/10 11:38
S9	30	S8 and model$4	US-PGPUB	OR	OFF	2005/05/10 11:37
S8	164	S7 not S5	US-PGPUB	OR	OFF	2005/05/10 11:16
S7	168	(automatic adj transmission) and (hydraulic adj pressure) and estimat$6	US-PGPUB	OR	OFF	2005/05/10 11:14
S5	25	simulat$4 same (automatic adj transmission)	US-PGPUB	OR	OFF	2005/05/10 11:13

Terms used modeling simulation automatic transmission Found 49,645 of 173,942

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1 Manufacturing applications: Ford's power train operations: changing the simulation environment
John Ladbrook, Annette Januszczak
December 2001 **Proceedings of the 33nd conference on Winter simulation**
Publisher: IEEE Computer Society
Full text available: pdf(257.83 KB) Additional Information: full citation, abstract, references, index terms

This paper discusses the changes that were required to Ford's Power Train Operations (PTO) simulation environment to ensure the maximum benefit was gained from the investment made in simulation. Three key elements have been identified as essential to maximizing use. These were Availability, Support, and the right Tools for the Job. The background driving the change was that Simulation had been a key tool in the planning and process improvement of Power Train Manufacturing Engineering facilities ...

2 Manufacturing applications: Simulation in automotive industries: paint line color change reduction in automobile assembly through simulation
Yong-Hee Han, Chen Zhou, Bert Bras, Leon McGinnis, Carol Carmichael, PJ Newcomb
December 2003 **Proceedings of the 35th conference on Winter simulation: driving innovation**
Publisher: Winter Simulation Conference
Full text available: pdf(507.06 KB) Additional Information: full citation, abstract, references

The painting process is an important part of the entire automobile manufacturing system. Changing color in the painting process is expensive because of the wasted paint and solvent during color change. By intelligently selecting cars toward downstream operations at the places where conveyors converge or diverge, we can reduce the number of such color changes without additional hardware investment. Discrete Event Simulation is a tool of choice in analyzing these issues in order to develop an e ...

3 Digital control simulation system
H. Rex Hartson
January 1969 **Proceedings of the 6th annual conference on Design Automation**
Publisher: ACM Press
Full text available: pdf(1.83 MB) Additional Information: full citation, abstract, references, citings, index terms

Today there is widespread application of digital control circuitry in a wide range of products. This paper describes a simulation system in which the designer of these control

circuits can interact with his design ideas before they are implemented in hardware. The Digitial Control Simulation System (DCSS) is a digital design description language with a set of programs to generate and execute a simulation program. The main use of this system (with an appropriate hardware interface ...

4 Visual modeling of DEVS-based multiformalism systems based on higraphs
Herbert Praehofer, Dietmar Pree
December 1993 **Proceedings of the 25th conference on Winter simulation**
Publisher: ACM Press
Full text available: pdf(872.58 KB) Additional Information: full citation, references, citings

5 Computerized manufacturing systems: A need for integration
Richard J. Mayer, J. J. Talavage
January 1977 **Proceedings of the 9th conference on Winter simulation - Volume 2**
Publisher: Winter Simulation Conference
Full text available: pdf(709.31 KB) Additional Information: full citation, abstract, references, citings, index terms

Computerized Manufacturing Systems have been developed in order to deal with the growing specialization of modern products. These systems provide a capability to economically produce small to medium quantities of a wide variety of parts which demand exacting tolerances. Through the minimization of human interactions, these systems have provided engineers with a much stronger influence on productivity, quality control, and reliability. The need to combine the flexibility and ease ...

6 VEEP vehicle economy, emissions, and performance program
Donald A. Heimburger, Marcia A. Metcalfe
January 1977 **Proceedings of the 9th conference on Winter simulation - Volume 2**
Publisher: Winter Simulation Conference
Full text available: pdf(641.14 KB) Additional Information: full citation, abstract, references, index terms

VEEP is a general-purpose discrete event simulation program being developed to study the performance, fuel economy, and exhaust emissions of a vehicle modeled as a collection of its separate components. It is written in SIMSCRIPT II.5. The purpose of this paper is to present the design methodology, describe the simulation model and its components, and summarize the preliminary results. Topics include chief programmer team concepts, the SDDL design language, program portability, user-oriente ...

7 Intelligent patent analysis through the use of a neural network: experiment of multi-viewpoint analysis with the MultiSOM model
Jean-Charles Lamirel, Shadi Al Shehabi, Martial Hoffmann, Claire François
July 2003 **Proceedings of the ACL-2003 workshop on Patent corpus processing - Volume 20**
Publisher: Association for Computational Linguistics
Full text available: pdf(543.24 KB) Additional Information: full citation, abstract, references

The main area of this paper concerns the neural methods for mapping scientific and technical information (articles, patents) and for assisting a user in carrying out the complex process of analysing large quantities of such information.In the procedure of information analysis, like in the domain of patent analysis, the complexity of the studied topics and the accuracy of the question to be answered may often lead the analyst to partition his reasoning into viewpoints. Most of the classical infor ...

8 Toward the domestication of microelectronics

Joel S. Birnbaum
November 1985 **Communications of the ACM**, Volume 28 Issue 11
Publisher: ACM Press
Full text available: pdf(1.23 MB) Additional Information: full citation, abstract, citings, index terms, review

The great challenge for computer science in this decade is to make computers usable by everyone. Computers, long viewed as a dehumanizing force, will become the most powerful means of personal creative expression and communication ever known.

9 Human-Computer Interaction in the Control of Dynamic Systems
William B. Rouse
March 1981 **ACM Computing Surveys (CSUR)**, Volume 13 Issue 1
Publisher: ACM Press
Full text available: pdf(2.77 MB) Additional Information: full citation, abstract, references, citings, index terms

Modes of human-computer interaction in the control of dynamic systems are discussed, and the problem of allocating tasks between human and computer considered. Models of human performance in a variety of tasks associated with the control of dynamic systems are reviewed. These models are evaluated in the context of a design example involving human-computer interaction in aircraft operations. Other examples include power plants, chemical plants, and ships.

Keywords: aircraft, control, dynamic systems, human-computer interaction, mathematical models, system design, task analysis

10 The applied mathematics laboratory of the David W. Taylor Model Basin
Morris Richstone
September 1961 **Communications of the ACM**, Volume 4 Issue 9
Publisher: ACM Press
Full text available: pdf(1.47 MB) Additional Information: full citation, references, index terms

11 Practical programmer: of model changeovers, style, and fatware
Robert L. Glass
September 2001 **Communications of the ACM**, Volume 44 Issue 9
Publisher: ACM Press
Full text available: pdf(50.78 KB) html(9.68 KB) Additional Information: full citation, index terms

12 Reasoning with worlds and truth maintenance in a knowledge-based programming environment
Robert Filman
April 1988 **Communications of the ACM**, Volume 31 Issue 4
Publisher: ACM Press
Full text available: pdf(1.80 MB) Additional Information: full citation, abstract, references, citings, index terms, review

In traditional knowledge-based system development environments, the fundamental representational building blocks are mechanisms such as frames, rules, and attached

procedures. The KEE system has been extended to include both a context (worlds) system and a truth maintenance system.

13 Advances in simulation technologies: Cycle error correction in asynchronous clock modeling for cycle-based simulation
Junghee Lee, Joonhwan Yi
January 2006 **Proceedings of the 2006 conference on Asia South Pacific design automation ASP-DAC '06**
Publisher: ACM Press
Full text available: pdf(151.92 KB) Additional Information: full citation, abstract, references

As the complexity of SoCs is increasing, hardware/software co-verification becomes an important part of system verification. C-level cycle-based simulation could be an efficient methodology for system verification because of its fast simulation speed. The cycle-based simulation has a limitation in using asynchronous clocks that causes inherent cycle errors. In order to reuse the output of a C-level cycle-based simulation for the verification of a lower level model, the C-level model should be cy ...

14 Performance modeling of database and simulation protocols: design choices for query driven simulation
John A. Miller, Nancy D. Griffeth
April 1991 **Proceedings of the 24th annual symposium on Simulation ANSS '91**
Publisher: IEEE Computer Society Press
Full text available: pdf(1.26 MB) Additional Information: full citation, references, citings, index terms

15 Invited papers: Interactive modeling and simulation of transaction flow or network models using the ADA simulation support environment
Heimo H. Adelsberger
April 1984 **ACM SIGSIM Simulation Digest**, Volume 15 Issue 2
Publisher: ACM Press
Full text available: pdf(1.13 MB) Additional Information: full citation, abstract, references

The Ada Simulation Support Environment (ASSE) is a software system, with the purpose to support the development and maintenance of simulation models written in Ada throughout their life cycle. We describe here the transaction flow or network part of the ASSE, which allows to build models like in GPSS or SLAM. Our view of such models is slightly different from that of the above mentioned languages, which is demonstrated in detail by the server/resource process. The design stres ses modular top-do ...

16 Invited papers: A tutorial view of simulation model development
Richard E. Nance
April 1984 **ACM SIGSIM Simulation Digest**, Volume 15 Issue 2
Publisher: ACM Press
Full text available: pdf(655.48 KB) Additional Information: full citation, abstract, references

Working from the background of simulation language developments, we develop an understanding of the current status of simulation model development. Factors characterizing the current status include a shift in emphasis from program to model, more commitment to modeling tools, and the lingering impedance of simulation language isolation. Current and future needs are identified. Specific approaches to meeting these needs are cited in an extensive description of current research, and in summary we c ...

17 Simulation modeling and methodology

Robert E. Shannon
April 1977 **ACM SIGSIM Simulation Digest**, Volume 8 Issue 3
Publisher: ACM Press
Full text available: pdf(674.92 KB) Additional Information: full citation, abstract, references

Simulation is one of the most powerful analysis tools available to those responsible for the design and/or operation of complex processes or systems. It is heavily based upon computer science, mathematics, probability theory and statistics: yet the process of simulation modeling and experimentation remains very much an intuitive art. Simulation is a very general and somewhat ill-defined subject. For the purpose of this paper, we will define simulation as, "the or process of designing a computeri ...

18 University simulation models: an appraisal from users
Jerome F. Wartgow
July 1973 **ACM SIGSIM Simulation Digest**, Volume 4 Issue 4
Publisher: ACM Press
Full text available: pdf(767.38 KB) Additional Information: full citation, abstract

Recent years have seen much activity in simulation modeling for research and planning, and several organizations have developed simulation models designed especially for use by administrators of higher education. Although the power and sophistication of this tool have been proven in areas of business and government, many questions remain to be answered about the effectiveness of these models as an aid to administrators of higher education.

19 A Spatial Analysis of Mobility Models: Application to Wireless Ad Hoc Network Simulation
D. Charles Engelhart, Anand Sivasubramaniam, Christopher L. Barrett, Madhav V. Marathe, James P. Smith, Monique Morin
April 2004 **Proceedings of the 37th annual symposium on Simulation ANSS '04**
Publisher: IEEE Computer Society
Full text available: pdf(697.32 KB) Additional Information: full citation, abstract, index terms

We quantatively analyze the differences between a realisticmobility model, TRANSIMS, and several synthetic mobilitymodels. New synthetic models were created by modifyingthe standard random way point model in several waysin an attempt to make it more realistic. We then comparethese enhanced models with the TRANSIMS data as well asthe random walk and standard random way-point models,using both new spatial based measures as well as networksimulation performance.The velocity component and the spatia ...

20 Investigating Ontologies for Simulation Modeling
John A. Miller, Gregory T. Baramidze, Amit P. Sheth, Paul A. Fishwick
April 2004 **Proceedings of the 37th annual symposium on Simulation ANSS '04**
Publisher: IEEE Computer Society
Full text available: pdf(215.08 KB) Additional Information: full citation, abstract, index terms

Many fields have or are developing ontologies for theirsubdomains. The Gene Ontology (GO) is now consideredto be a great success in biology, a field that has alreadydeveloped several extensive ontologies. Similar advantagescould accrue to the simulation and modeling community.Ontologies provide a way to establish common vocabularies and capture domain knowledge for organizing the domain with a community wide agreement or with the context of agreement between leading domain experts. Theycan be us ...

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